

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Dominique Charmot et al.  
Serial No. 10/813,872  
Filed March 30, 2004  
Confirmation No. 5573  
For ION BINDING COMPOSITIONS  
Examiner Micah P. Young

Art Unit 1618

TO THE COMMISSIONER FOR PATENTS,  
SIR:

CERTIFICATE UNDER 37 CFR 3.73(b)

Relypsa, Inc. a Delaware corporation, certifies that it is the assignee in the patent application identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.

**OR**

B. ☒ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From Dominique Charmot, John Fordtran, Han Ting Chang, Eric Connor, Mingjun Liu, and Gerrit Klaerner  
to Symyx Therapeutics, Inc.

The document was recorded in the Patent and Trademark Office at Reel 015164  
Frame 0643.

2. Symyx Therapeutics, Inc. changed its name to Ilypsa, Inc.

The document was recorded in the Patent and Trademark Office at Reel 014607  
Frame 0923.

3. From Ilypsa, Inc. to Relypsa, Inc.,  
for which a copy thereof is attached.

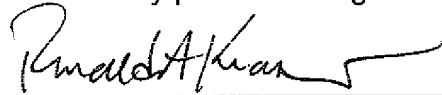
The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and

further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1-18-08

Date



Signature

Ronald A. Krasnow  
Senior Vice President, Intellectual Property &  
Chief Patent Counsel

JSH/clp

## ASSIGNMENT

WHEREAS ILYPSA, INC., (hereinafter, "ASSIGNOR"), a corporation organized and existing under the laws of the State of Delaware, and having a place of business at One Amgen Center Drive, Thousand Oaks, CA 91320-1799, is the assignee of interest in inventions set forth in U.S. and foreign patents and U.S. and foreign patent applications (collectively, "Patent Documents"), listed in Appendix A hereto;

WHEREAS RELYPSA, (hereinafter, "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a place of business at 5301 Patrick Henry Drive, Santa Clara, CA 95054, is desirous of acquiring all interest in and to said inventions and to the Patent Documents listed in Appendix A;

NOW, THEREFORE, be it known to all whom it may concern:

THAT for good and valuable consideration the receipt of which is hereby acknowledged, ASSIGNOR has and does hereby sell, assign, transfer and set over unto ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest, including all rights acquired in foreign countries, in and to said Patent Documents (listed in Appendix A, attached hereto and incorporated herein by reference), including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, and in and to any and all letters patents to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but for, to and in all other countries; and it has been and is hereby authorized and requested that the appropriate government agencies issue said letters patents to ASSIGNEE, its successors and assigns, in accordance with this assignment

ASSIGNOR HEREBY covenants and agrees that it has the full right to convey the interest herein assigned, and ASSIGNOR has not executed, and will not execute, any agreement in conflict herewith.

IN WITNESS AND IN TESTIMONY WHEREOF, I as a duly authorized representative of ASSIGNOR, hereunto set my hand on the date shown below.

THIS 8<sup>th</sup> day of January, 2008.

ILYPSA, INC

By:

Name:

Title:

Stuart L. Watt  
Stuart L. Watt, V.P. Law &  
Intellectual Property Officer

UNITED STATES OF AMERICA

State of California

County of Ventura }

ss:

January 8

2008

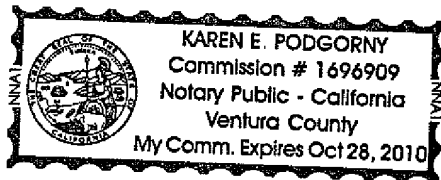
Before me, a Notary Public for Ventura County, State of California, personally appeared

Stuart L. Watt

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal



Karen E. Podgorny  
Notary Public

My commission expires

October 28

2010

## Appendix A

Country	Docket No.	Alt. Docket No.	Application No.
UNITED STATES	2004-002.A101.US	ILPS04006.101	NEW
AUSTRALIA	2004-002.A201.AU	ILPS04006.203	DCA
BRAZIL	2004-002.A201.BR	ILPS04006.204	DCA
CANADA	2004-002.A201.CA	ILPS04006.205	DCA
CHINA	2004-002.A201.CN	ILPS04006.206	DCA
GERMANY	2004-002.A201.DE	ILPS04006.207	DCA
EUROPEAN PATENT CONVENT	2004-002.A201.EP	ILPS04006.208	DCA
UNITED KINGDOM	2004-002.A201.GB	ILPS04006.209	DCA
JAPAN	2004-002.A201.JP	ILPS04006.211	DCA
SOUTH KOREA	2004-002.A201.KR	ILPS04006.212	DCA
MEXICO	2004-002.A201.MX	ILPS04006.213	DCA
WIPO	2004-002.A201.PCT	ILPS04006.202	CEQ
JAPAN	2004-006.A301.JP	ILPS04006.306	DCA
UNITED STATES	2004-006.A101.US	ILPS04006.101	NEW
UNITED STATES	2004-006.A201.US.P	ILPS04006.201	OTH
AUSTRALIA	2004-006.A301.AU	ILPS04006.308	DCA
CANADA	2004-006.A301.CA	ILPS04006.304	DCA
EUROPEAN PATENT CONVENT	2004-006.A301.EP	ILPS04006.305	DCA
HONG KONG	2004-006.A301.HK	ILPS04006.309	DCA
INDIA	2004-006.A301.IN	ILPS04006.307	DCA
UNITED STATES	2004-006.A301.US	ILPS04006.301	CIP
WIPO	2004-006.A301.PCT	ILPS04006.302	CEQ
JAPAN			TBA
UNITED STATES			10/13/04
UNITED STATES			6/3/05
AUSTRALIA			10/13/05
CANADA			10/13/05
EUROPEAN PATENT CONVENT			10/13/05
HONG KONG			10/13/05
INDIA			10/13/05
UNITED STATES			10/13/05
WIPO			10/13/05

UNITED STATES	2000-001.A101.US	ILPS00001.105	DCA	5/21/03	10/432,371	ABANDONED
WIPO	2000-001.A101.PCT	ILPS00001.103	NEW	11/28/01	CA01/01692	NAT PHASE
WIPO	2000-001.A201.PCT	ILPS00002.203	NEW	12/4/01	CA01/01728	PENDING

# Appendix A (continued)

Country	Docket No.	Alt. Docket No.		Application No.	Patent No.	
UNITED STATES	1994-001.A101.US	ILPS94001.101	NEW	2/14/94	08/195,009	16-Jan-96 ISSUED
ISRAEL	1994-001.A101.IL	ILPS94001.102	CEQ	1/24/95	112428	18-Nov-99 ISSUED
SOUTH AFRICA	1994-001.A101.ZA	ILPS94001.113	CEQ	1/26/95	95/0630	27-Dec-95 ISSUED
AUSTRALIA	1994-001.A101.AU	ILPS94001.115	DCA	2/9/95	15727/95	11-Feb-99 ABANDONED
CANADA	1994-001.A101.CA	ILPS94001.104	DCA	2/9/95	2181359	03-Jul-01 ISSUED
SWITZERLAND	1994-001.A101.EP	ILPS94001.109	DCA	2/9/95	95907526.8	26-May-04 ISSUED
GERMANY	1994-001.A101.EP	ILPS94001.106	DCA	2/9/95	69533084	26-May-04 ISSUED
EUROPEAN PATENT CONVENT	1994-001.A101.EP	ILPS94001.105	DCA	2/9/95	95907526.8	26-May-04 NAT PHASE
FRANCE	1994-001.A101.EP	ILPS94001.107	DCA	2/9/95	95907526.8	26-May-04 ISSUED
UNITED KINGDOM	1994-001.A101.EP	ILPS94001.108	DCA	2/9/95	95907526.8	26-May-04 ISSUED
IRELAND	1994-001.A101.EP	ILPS94001.110	DCA	2/9/95	95907526.8	26-May-04 ISSUED
JAPAN	1994-001.A101.JP	ILPS94001.111	DCA	2/9/95	97-520869	PENDING
SOUTH KOREA	1994-001.A101.KR	ILPS94001.118	DCA	2/9/95	1996-704399	ABANDONED
MEXICO	1994-001.A101.MX	ILPS94001.112	DCA	2/9/95	963403	23-Jun-00 ISSUED
NORWAY	1994-001.A101.NO	ILPS94001.119	DCA	2/9/95	1996-3378	ABANDONED
NEW ZEALAND	1994-001.A101.NZ	ILPS94001.120	DCA	2/9/95	279180	23-Feb-98 ABANDONED
NEW ZEALAND	1994-001.A102.NZ	ILPS94001.121	DIV	2/9/95	328329	07-Dec-00 ABANDONED
WIPO	1994-001.A101.PCT	ILPS94001.103	CEQ	2/9/95	CA95/00060	NAT PHASE
ARGENTINA	1994-001.A101.AR	ILPS94001.116	CEQ	2/10/95	330.985	04-Jul-01 ABANDONED
VENEZUELA	1994-001.A101.VE	ILPS94001.122	CEQ	2/10/95	0215-95	ABANDONED
UNITED STATES	1994-001.A102.US	ILPS94001.114	CON	5/25/95	08/450,572	03-Jun-97 ISSUED
CHINA	1994-001.A101.CN	ILPS94001.117	CEQ	2/9/05	95191615.7	17-Dec-03 ABANDONED
UNITED STATES	1998-001.A101.US	ILPS98001.101	NEW	5/28/98	09/085,032 or 6013635	11-Jan-00 ISSUED
AUSTRALIA	1998-001.A101.AU	ILPS98001.110	DCA	5/27/99	41253/99	ABANDONED
CANADA	1998-001.A101.CA	ILPS98001.103	DCA	5/27/99	2321927	PUBLISHED
CHINA	1998-001.A101.CN	ILPS98001.109	DCA	5/27/99	99805510.7	ABANDONED
EUROPEAN PATENT CONVENT	1998-001.A101.EP	ILPS98001.104	DCA	5/27/99	99924602.8	PUBLISHED

Country	Docket No.	Alt. Docket No.	Application No.	Patent No.
EUROPEAN PATENT CONVENT	1998-001.A102.EP	ILPS98001.113	6009088.3	PUBLISHED
HONG KONG	1998-001.A101.HK	ILPS98001.105	1106612.4	PENDING
JAPAN	1998-001.A101.JP	ILPS98001.106	2000-550491	PUBLISHED
JAPAN	1998-001.A102.JP	ILPS98001.114	2006-136969	PUBLISHED
NORWAY	1998-001.A101.NO	ILPS98001.111	2000 5992	ABANDONED
NEW ZEALAND	1998-001.A101.NZ	ILPS98001.112	506474	ABANDONED
WIPO	1998-001.A101.PCT	ILPS98001.102	CA99/00484	NAT PHASE
UNITED STATES	1998-001.A102.US	ILPS98001.107	09/419,790 or 6107282	ISSUED
UNITED STATES	1998-001.A201.US	ILPS98001.201	09/433,944 or 6358930	ISSUED
UNITED STATES	1998-001.A103.US	ILPS98001.108	09/593,040 or 6465435	ISSUED
ARGENTINA	1998-001.A301.AR	ILPS98001.304	00 01 05829	ABANDONED
CANADA	1998-001.A301.CA	ILPS98001.302	2388187	PENDING
EUROPEAN PATENT CONVENT	1998-001.A301.EP	ILPS98001.305	974214.9	ABANDONED
JAPAN	1998-001.A301.JP	ILPS98001.303	2001-534423	PENDING
WIPO	1998-001.A301.PCT	ILPS98001.301	CA00/01312	NAT PHASE
TAIWAN	1998-001.A201.TW	ILPS98001.202	89125617	ABANDONED



# Appendix A (continued)

Country	Docket No.	Alt. Docket No.		Application No.		
UNITED STATES	2004-003.A102.US	ILPS04031.102	NEW	3/30/04	10/813,872	PUBLISHED
UNITED STATES	2004-002.B101.US	ILPS04022.101	CIP	10/13/04	10/965,274	PUBLISHED
UNITED STATES	2004-003.A201.US	ILPS04031.201	CIP	3/30/05	11/095,918	PUBLISHED
UNITED STATES	2004-002.A201.US	ILPS04021.201	CON	3/30/05	11/095,760	PUBLISHED
UNITED STATES	2004-002.B201.US	ILPS04022.201	CON	3/30/05	11/096,209	PUBLISHED
HONG KONG	2004-003.A201.HK	ILPS04031.214	CEQ			MAILED
UNITED STATES	2004-003.A101.US	ILPS04031.101	NEW	3/30/04	10/814,749	PUBLISHED
AUSTRALIA	2004-002.B201.AU	ILPS04022.203	DCA	3/30/05	2005231424	PENDING
AUSTRALIA	2004-003.A201.AU	ILPS04031.203	DCA	3/30/05	2005231383	PENDING
BRAZIL	2004-002.B201.BR	ILPS04022.204	DCA	3/30/05	PI0509366-0	PENDING
BRAZIL	2004-003.A201.BR	ILPS04031.204	DCA	3/30/05	PI509365-1	PENDING
CANADA	2004-002.B201.CA	ILPS04022.205	DCA	3/30/05	2558029	PENDING
CANADA	2004-003.A201.CA	ILPS04031.205	DCA	3/30/05	2557848	PENDING
CHINA	2004-002.B201.CN	ILPS04022.206	DCA	3/30/05	2.0058E+11	PENDING
CHINA	2004-003.A201.CN	ILPS04031.206	DCA	3/30/05	2.0058E+11	PUBLISHED
GERMANY	2004-002.B201.DE	ILPS04022.207	DCA	3/30/05	1.12005E+12	PENDING
GERMANY	2004-003.A201.DE	ILPS04031.207	DCA	3/30/05	1.12005E+12	PENDING
EUROPEAN PATENT CONVENT	2004-002.B201.EP	ILPS04022.208	DCA	3/30/05	5732849.4	PENDING
EUROPEAN PATENT CONVENT	2004-003.A201.EP	ILPS04031.208	DCA	3/30/05	5731099.7	PENDING
UNITED KINGDOM	2004-002.B201.GB	ILPS04022.209	DCA	3/30/05	06 21242.7	PUBLISHED
UNITED KINGDOM	2004-003.A201.GB	ILPS04031.209	DCA	3/30/05	621241.9	PUBLISHED
JAPAN	2004-002.B201.JP	ILPS04022.211	DCA	3/30/05	2007-506580	PENDING
JAPAN	2004-003.A201.JP	ILPS04031.211	DCA	3/30/05	2007-506518	PENDING
SOUTH KOREA	2004-002.B201.KR	ILPS04022.212	DCA	3/30/05	10-2006-7022589	PENDING
SOUTH KOREA	2004-003.A201.KR	ILPS04031.212	DCA	3/30/05	10-2006-7022533	PENDING
MEXICO	2004-002.B201.MX	ILPS04022.213	DCA	3/30/05	PA/a/2006/011274	PENDING

Country	Docket No.	Alt. Docket No.			Application No.	
MEXICO	2004-003.A201.MX	ILPS04031.213	DCA	3/30/05	PA/a/2006/011270	PENDING
WIPO	2004-002.B201.PCT	ILPS04022.202	CEQ	3/30/05	2005/10978	NAT PHASE
WIPO	2004-003.A201.PCT	ILPS04031.202	CEQ	3/30/05	2005/010747	PUBLISHED
UNITED STATES	2005-003.A101.US.P	ILPS05031.101	NEW	9/30/05	60/723,073	EXPIRED
WIPO	2005-003.A201.PCT	ILPS05031.201	CEQ	10/2/06	2006/038602	PUBLISHED
UNITED STATES	2005-004.A101.US.P	ILPS05041.101	NEW	9/30/05	60/723,055	EXPIRED
WIPO	2005-004.A201.PCT	ILPS05041.201	CEQ	10/2/06	2006/038900	PUBLISHED
UNITED STATES	2005-002.A101.US.P	ILPS05021.101	NEW	9/30/05	60/723,232	EXPIRED
WIPO	2005-002.A201.PCT	ILPS05021.201	CEQ	10/2/06	2006/38899	PUBLISHED
UNITED STATES	2005-003.A301.US	ILPS05031.301	NEW			ABANDONED